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IN THE CLAIMS:

1. (Previously Presented) An acetylene distribution system, comprising:

a first and a second transportable source of compressed acetylene; and

an acetylene filling assembly for filling acetylene into each transportable source, whereby the acetylene filling assembly fills at least a first tank of the first transportable source to a first level and thereafter fills at least a first tank of the second transportable source while continuing to fill the first tank of the first transportable source and the acetylene filling assembly restricting the flow of acetylene to the first tank of the second transportable source while continuing to fill the first tank of the first transportable source.

2. (Currently Amended) The acetylene distribution system of claim 1, whereby the first transportable source comprises a first trailer assembly and the second transportable source comprises a second trailer assembly, whereby each ~~the first and the second~~ trailer assembly includes a plurality of tanks.

3. (Previously Presented) The acetylene distribution system of claim 2, whereby the plurality of tanks are interconnected by a manifold system.

4. (Previously Presented) The acetylene distribution system of claim 3, whereby the acetylene filling assembly includes more than one fill bay, whereby a scale and a computer system are located in the respective fill bay to monitor the acetylene entering the fill bay.

5. (Original) The acetylene distribution system of claim 4, whereby the first and the second trailer assembly is placed in the respective fill bay to be filled with acetylene.

6. (Original) The acetylene distribution system of claim 5, further including a transportable gas regulating apparatus for unloading the acetylene from the transportable source to a point of use.

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